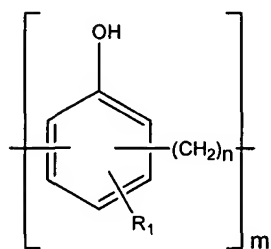


AMENDMENTS TO THE CLAIMS

1. (Original) A jet fuel composition comprising

- (i) a jet fuel; and
- (ii) a compound of Formula I



Formula I

wherein m is at least 1;

wherein n is 0 or 1;

wherein when m is 1, n is 0;

wherein the or each R₁ is a hydrocarbyl group with the proviso that the or each R₁ is free of carboxylic acid and carboxylic ester groups; and

wherein when m is 1, R₁ is a polymeric group comprising at least 12 carbon atoms.

2. (Original) A jet fuel composition according to claim 1 further comprising (iii) an antioxidant.

3. (Presently Amended) A jet fuel composition according to claim 1 ~~or claim 2~~ further comprising (iv) a metal deactivator.

4. (Presently Amended) A jet fuel composition according to ~~any one of claims 1, 2 or 3~~ wherein m is 1.

5. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim 1 wherein R₁ is a hydrocarbon group.

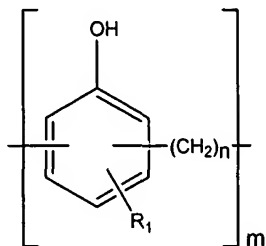
6. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim 1 wherein R₁ is a linear or branched alkyl group.

7. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim 1 wherein R₁ is a C₁-C₂₀₀ group.

8. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim 1 wherein R_1 is a C_{10} - C_{200} group.
9. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim 1 wherein R_1 is a C_{40} - C_{180} group.
10. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim 1 wherein R_1 is a branched alkyl group.
11. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim 1 wherein R_1 is a polyalkenyl group.
12. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim 1 wherein R_1 is polyisobutene (PIB).
13. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim 1 wherein R_1 has a molecular weight of from 200 to 2500.
14. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim 1 wherein R_1 has a molecular weight of 500 to 2500.
15. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim 1 wherein R_1 has a molecular weight of approximately 750.
16. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim 1 wherein R_1 has a molecular weight of approximately 1000.
17. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim 1 wherein R_1 has a molecular weight of approximately 2300.

18. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim 1 comprising

- (i) a jet fuel
- (ii) a compound of Formula I



Formula I

wherein m is 1 and n is 0;

wherein R₁ is a polyisobutene with a molecular weight of from 200 to 2500;

(iii) an antioxidant; and

(iv) a metal deactivator.

19. (Presently Amended) A jet fuel composition according to ~~any one of claims 1, 2, or 3~~ claim 1 wherein m is greater than 1.

20. (Original) A jet fuel composition according to claim 19 wherein R₁ is a hydrocarbon group.

21. (Presently Amended) A jet fuel composition according to claim 19 ~~or 20~~ wherein R₁ is a linear or branched alkyl group.

22. (Presently Amended) A jet fuel composition according to ~~any one of claims 19 to 24~~ claim 19 wherein R₁ is a C₁-C₅₀ group.

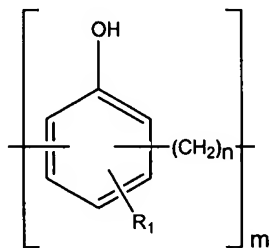
23. (Presently Amended) A jet fuel composition according to ~~any one of claims 19 to 22~~ claim 19 wherein R₁ is a C₁-C₂₅ group.

24. (Presently Amended) A jet fuel composition according to ~~any one of claims 19 to 23~~ claim 19 wherein R₁ is a C₅-C₁₅ group.

25. (Presently Amended) A jet fuel composition according to ~~any one of claims 19 to 24~~ claim 19 wherein m is at least 4.

26. (Presently Amended) A jet fuel composition according to ~~any one of claims 19 to 25~~ claim 19 comprising

- (i) a jet fuel
- (ii) a compound of Formula I



Formula I

wherein m is greater than 1 and n is 1;

wherein each R₁ is a C₁-C₅₀ hydrocarbyl group free of carboxylic acid and carboxylic ester groups.

- (iii) an antioxidant; and
- (iv) a metal deactivator.

27. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim 18 wherein R₁ is para substituted relative to the OH group.

28. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim 18 wherein the (CH₂)_n group is ortho substituted relative to the OH group.

29. (Presently Amended) A jet fuel composition according to ~~any one of claims 2 to 28~~ claim 2 wherein the antioxidant is a hindered phenol antioxidant.

30. (Original) A jet fuel composition according to claim 29 wherein the antioxidant is 2,6-di-t-butyl-4-methyl phenol (BHT).

31. (Presently Amended) A jet fuel composition according to ~~any one of claims 2 to 28~~ claim 2 wherein the antioxidant is a phosphonate.

32. (Original) A jet fuel composition according to claim 31 wherein the antioxidant is dilauryl phosphonate.

33. (Presently Amended) A jet fuel composition according to ~~any one of claims 3 to 32~~ claim 3 wherein the metal deactivator is N,N'-disalicylidene 1,2-propanediamine.

34. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim 1 wherein the compound of Formula I is present in an amount of 50-200mg/L.

35. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim 1 wherein the compound of Formula I is present in an amount of 80-120mg/L.

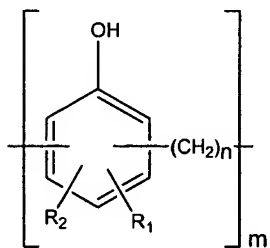
36. (Presently Amended) A jet fuel composition according to ~~any one of claims 2 to 35~~ claim 2 wherein the antioxidant is present in an amount of 1-50mg/L.

37. (Original) A jet fuel composition according to claim 36 wherein the antioxidant is present in an amount of 1-30mg/L.

38. (Presently Amended) A jet fuel composition according to ~~any one of claims 3 to 37~~ claim 3 wherein the metal deactivator is present in an amount of 0.05 – 10mg/L.

39. (Original) A jet fuel composition according to claim 38 wherein the metal deactivator is present in an amount of 0.5 – 5mg/L.

40. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim 1 wherein the compound of Formula I is a compound of Formula II



Formula II

wherein the or each R_2 is an optional hydrocarbyl group with the proviso that the or each R_2 is free of carboxylic acid and carboxylic ester groups; and wherein m , n and R_1 are as defined in any one of the preceding claims.

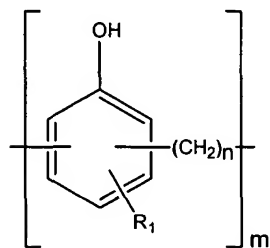
41. (Presently Amended) Use of a compound of Formula I as defined in ~~any one of the preceding claims~~ claim 1 for the inhibition of oxidation of a jet fuel composition as defined in any one of the preceding claims.

42. (Presently Amended) Use of a compound of Formula I as defined in ~~any one of the preceding claims~~ claim 1 for the inhibition of deposit formation in a jet fuel composition as defined in any one of the preceding claims.

43. (Presently Amended) Use of a compound of Formula I as defined in ~~any one of the preceding claims~~ claim 1 for the inhibition of particulate formation from the oxidation product(s) of a jet fuel composition as defined in any one of the preceding claims.

44. (Presently Amended) Use of a compound of Formula I as defined in ~~any one of the preceding claims~~ claim 1 for the solubilisation of deposits and/or deposit precursors in a jet fuel composition as defined in any one of the preceding claims.

45. (Original) A method for inhibiting deposit formation in a jet fuel at a temperature of from 100 to 335°C, the method comprising combining with the jet fuel a compound of Formula I



Formula I

wherein m is at least 1;

wherein n is 0 or 1;

wherein when m is 1, n is 0;

wherein the or each R₁ is a hydrocarbyl group with the proviso that the or each R₁ is free of carboxylic acid and carboxylic ester groups; and

wherein when m is 1, R₁ is a polymeric group comprising at least 12 carbon atoms.

46. (Canceled)

47. (Canceled)

48. (Canceled)

49. (Canceled)